



11-09-06

COFC ✓

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,099,646
Issue Date: August 29, 2006
Inventor(s): Xiaodong Jin et al.
Application No: 10/764,580
Filing Date: January 27, 2004
Title: SIGNAL MIXER HAVING A SINGLE-ENDED INPUT AND A DIFFERENTIAL OUTPUT
Attorney Docket: MP0330

Commissioner for Patents
Certificate of Correction Branch
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate

NOV 14 2006

of Correction

Sir:

We have reviewed the above-referenced patent and have found two errors which appear to require a Certificate of Correction.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form which we request be approved for the above-indicated patent.

PTO Form 2038 is enclosed authorizing the fee for correction. Please charge any underpayments or credit any over payment to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: November 8, 2006
HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

By: Michael D. Wiggins
Michael D. Wiggins
Reg. No. 34,754

11/13/2006 MBELETE1 00000044 7099646

01 FC:1811

100.00 OP

NOV 15 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number	7,099,646
Issue Date	August 29, 2006
First Named Inventor	Xiaodong Jin et al.
Application Number	10/764,580
Filing Date	January 27, 2004

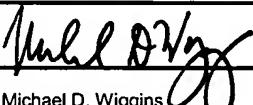
Attorney Docket Number

MP0330

ENCLOSURES (check all that apply)

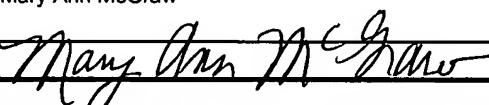
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Request for Certificate of Correction; Certificate of Correction (in duplicate); Credit card authorization; and return receipt postcard.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53		
Remarks		
Please charge any underpayment or credit any overpayment to Deposit Account No. 08-0750.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Harness, Dickey & Pierce, P.L. C.		
Signature			
Printed Name	Michael D. Wiggins		
Date	November 8, 2006	Reg. No.	34,754

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Mary Ann McGraw	Express Mail Label No.	EV 757 778 304 US (11/8/2006)
Signature		Date	November 8, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 15 2006

EV 757 778 304 US

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,099,646

DATED : August 29, 2006

INVENTOR(S) : Xiaodong Jin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, Line 55 Delete "VRF" and insert --V_{RF}--
Column 11, Line 16 Insert --to-- after "According"

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce, P.L.C.
 5445 Corporate Drive, Suite 200
 Troy, MI 48098

PATENT NO. 7,099,646
No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 15 2006

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,099,646

DATED : August 29, 2006

INVENTOR(S) : Xiaodong Jin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 1, Line 55 Delete "VRF" and insert --V_{RF}--
Column 11, Line 16 Insert --to-- after "According"

MAILING ADDRESS OF SENDER: Harness, Dickey & Pierce, P.L.C.
 5445 Corporate Drive, Suite 200
 Troy, MI 48098

PATENT NO. 7,099,646
No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

NOV 10 2006